

ABSTRACT

Method and arrangement (1) for generating an atmospheric pressure glow plasma APG (7), where in a plurality of electrodes, (4, 5) are arranged defining a discharge space (10) for forming said plasma (7). The electrodes (4,5) are connected to a power supply (8) providing an AC -voltage having a frequency of at least 50kHz to the electrodes (4,5). A gaseous substance (6) is provided in said discharge space and comprises t least one of a group of argon, nitrogen and air.

(19) World Intellectual Property
Organization
International Bureau



30 MAR 2005

(43) International Publication Date
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number
WO 2004/030019 A1

(51) International Patent Classification⁷: H01J 37/32,
B05D 3/14, H05H 1/46

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(21) International Application Number:
PCT/EP2003/010923

(22) International Filing Date:
30 September 2003 (30.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02079074.7 30 September 2002 (30.09.2002) EP

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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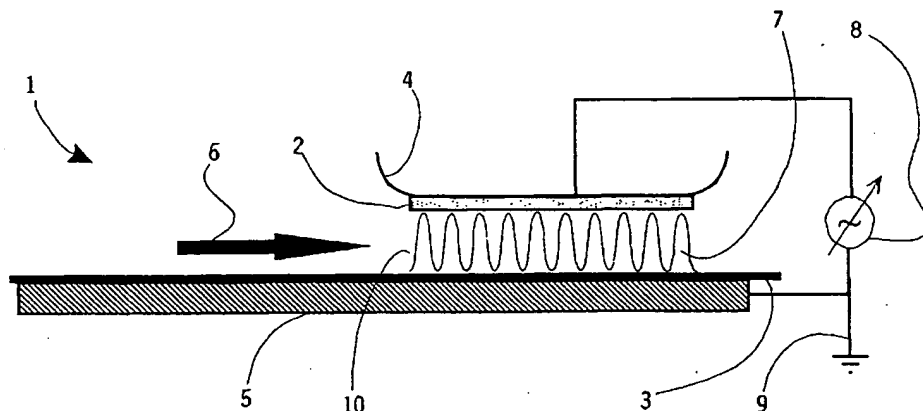
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Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND ARRANGEMENT FOR GENERATING AN ATMOSPHERIC PRESSURE GLOW DISCHARGE
PLASMA (APG)



(57) **Abstract:** Method and arrangement (1) for generating an atmospheric pressure glow plasma APG (7), wherein a plurality of electrodes (4, 5) are arranged defining a discharge space (10) for forming said plasma (7). The electrodes (4, 5) are connected to a power supply (8) providing an AC-voltage having a frequency of at least 50 kHz to the electrodes (4, 5). A gaseous substance (6) is provided in said discharge space and comprises at least one of a group of argon, nitrogen and air.

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